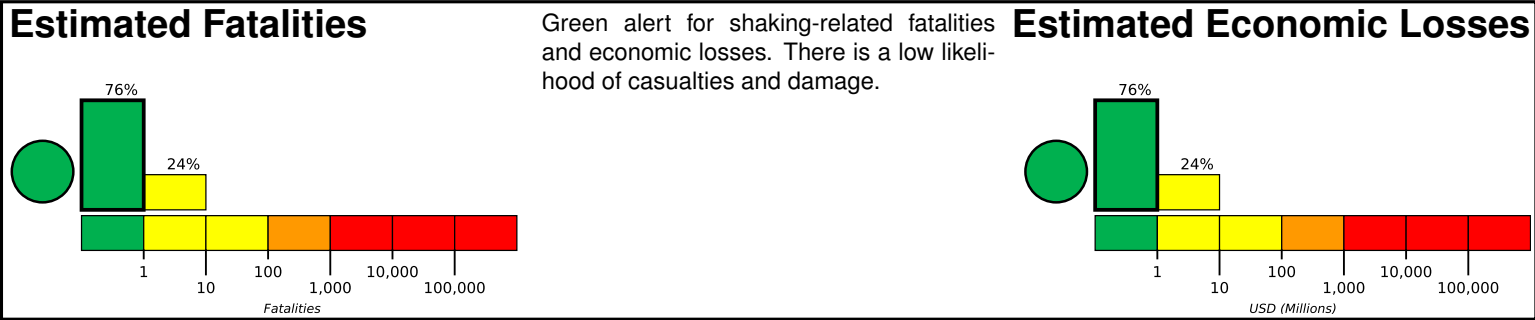


M 5.8, 280 km SSW of Ohonua, Tonga

Origin Time: 2023-06-18 15:04:49 UTC (Sun 03:04:49 local)
Location: 23.7728° S 175.7382° W Depth: 10.0 km

PAGER Version 4

Created: 1 day, 0 hours after earthquake

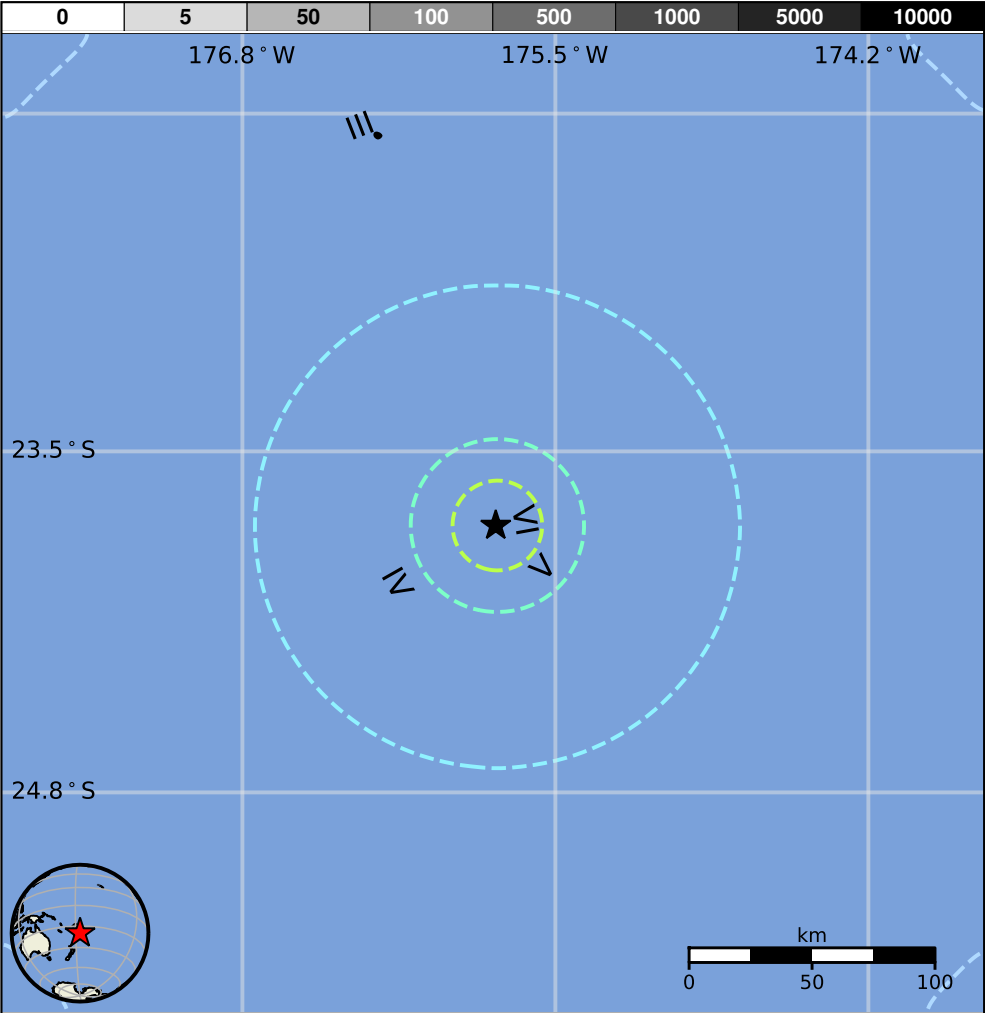


Estimated Population Exposed to Earthquake Shaking

| ESTIMATED POPULATION EXPOSURE (k=x1000) | | —* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------------|----------|--------|-------|----------|----------|-------------|------------|----------|----------|
| ESTIMATED MODIFIED MERCALLI INTENSITY | | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
| PERCEIVED SHAKING | | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| POTENTIAL DAMAGE | Resistant Structures | None | None | None | V. Light | Light | Moderate | Mod./Heavy | Heavy | V. Heavy |
| | Vulnerable Structures | None | None | None | Light | Moderate | Mod./Heavy | Heavy | V. Heavy | V. Heavy |

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

There are likely to be no affected structures in this region.

Historical Earthquakes

| Date (UTC) | Dist. (km) | Mag. | Max MMI(#) | Shaking Deaths |
|------------|------------|------|------------|----------------|
| 1974-08-06 | 234 | 5.8 | V(45k) | — |
| 1983-03-21 | 254 | 6.7 | VII(53k) | — |
| 1977-06-22 | 96 | 8.0 | VII(47k) | 0 |

Selected City Exposure

| MMI | City | Population |
|-----|------|-------------|
| | | (k = x1000) |